



AGEOTEC

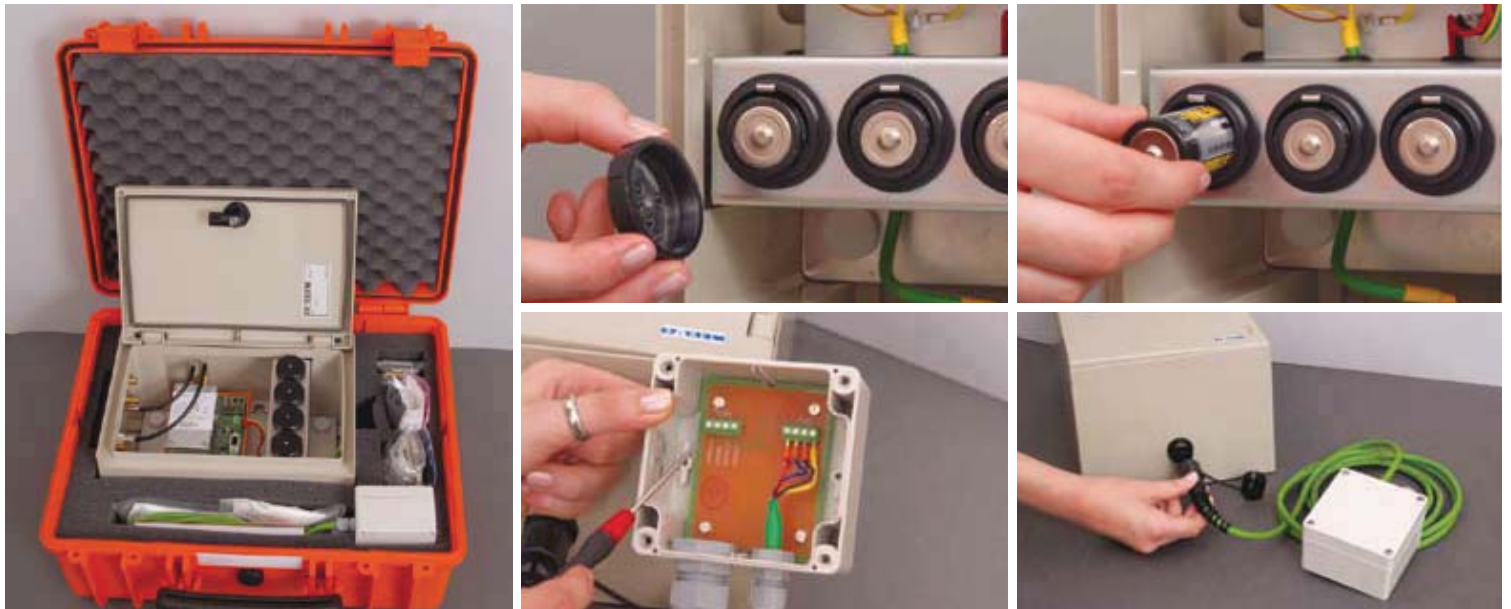
Type **tide gauge**

Model **itg-9601**

AGEOTEC

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Model

itg-9601

ITG-9601 tide gauge is particularly suited for continuous automatic monitoring of tide level in unattended stations. The unit is based on a titanium piezoelectric sensor capable of supplying a voltage proportional to the overhead water column height.

The standard version is equipped with an atmospheric pressure compensated sensor, with 10 m full scale and 1 cm resolution. The unit can be configured to smooth wave motion either by a lowpass filter with selectable cutoff frequency or by time averaging with selectable period. The default parameters are: sampling period 5 s, averaging period 2 min, recording period 10 min, satellite transmission period 2 hrs. Configuration can be changed remotely through satellite connection.

Power is delivered by 8 alkaline 1.5 V batteries (LR14) which ensure 1 year operation with standard configuration.

Sample data are recorded in a removable SD memory card with 1 GB capacity, allowing easy post-processing of data by operator. Data can also be sent to a master station by 66 LEO satellites (Iridium network).

Operating (transmission) costs are comparable with those using SMS communication.

The delay time on the satellite network is about 1 min.

Servicing is ensured worldwide.